

## VM3COP64.04 Aii-2000 A QA Test Procedure

① Before using this procedure, the user is advised to familiarise themselves with the operation manual. The user should have a basic understanding of the function of Oxygen monitors. This procedure tests the Aii-2000 A Oxygen analyser can read accurately. A calibration must be performed before each use as environmental factors can affect the reading.

Equipment needed to perform this procedure:

- Calibration assembly (Part number:0121205)
- A source of medical Oxygen (purity 99.5%)
- A source of medical air with a known Oxygen content.

1) Unbox the Aii-2000A Oxygen analyser and periphery items.

2) Check the box contains the following items.

- Aii-2000A Oxygen monitor
- Blue 'T' piece
- Aii 11-60 Oxygen sensor
- Flow diverter
- Sensor cable
- USB instruction manual
- Manufacturer's calibration certificate
- 2 x AA batteries



3) Remove the battery cover and insert the batteries.

4) Connect the sensor cable to the monitor and Oxygen sensor.

5) Affix the flow diverter to the Oxygen sensor.

6) Insert the flow diverter into the calibration assembly.



7) Connect the flexible gas tubing to a dry air source.

8) Use the On/Off button to power up the monitor.

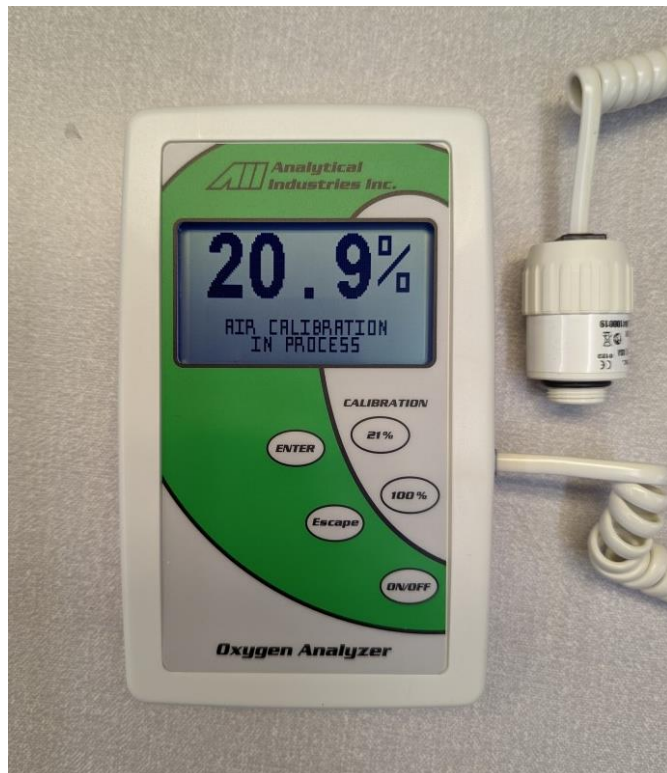
9) Allow Oxygen to flow over the sensor surface at rate of 2 litres per minute.

10) Allow at least 2 minutes of Oxygen flow before calibrating the device.

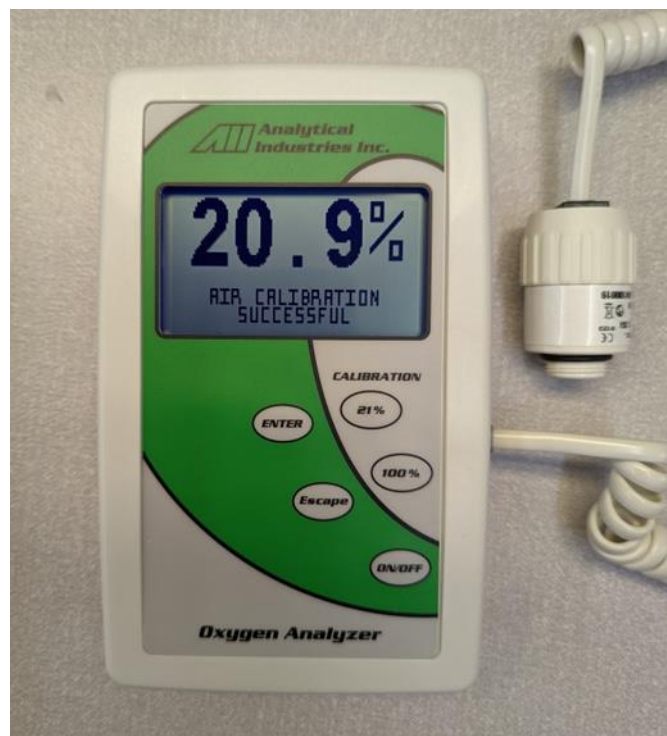
11) Press the 21% button to initialise the air calibration function.

12) Press the enter button to start the air calibration as instructed on screen.

13) The monitor will display 'AIR CALIBRATION IN PROCESS'.

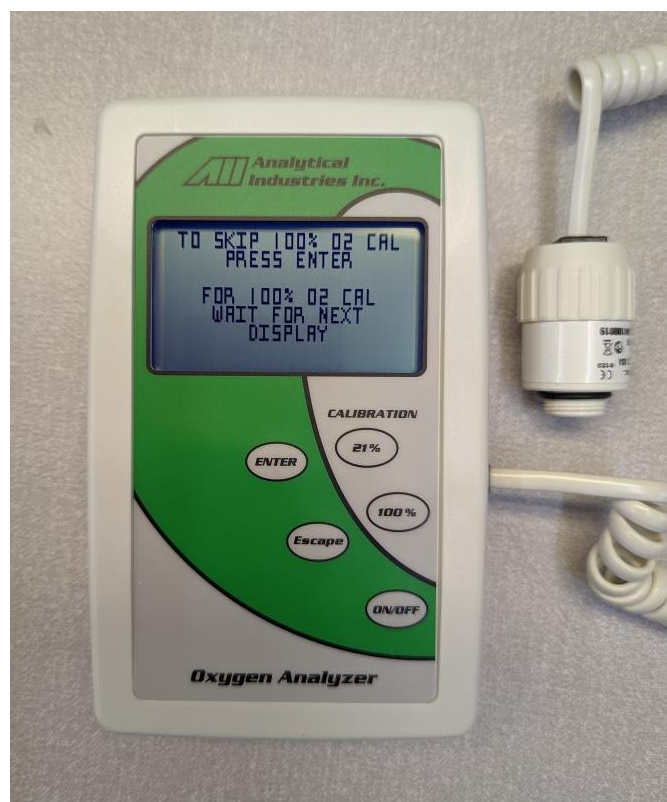


14) When the air calibration has been completed, the monitor will display 'AIR CALIBRATION SUCCESSFUL'.



15) Connect the flexible gas tubing to an Oxygen source.

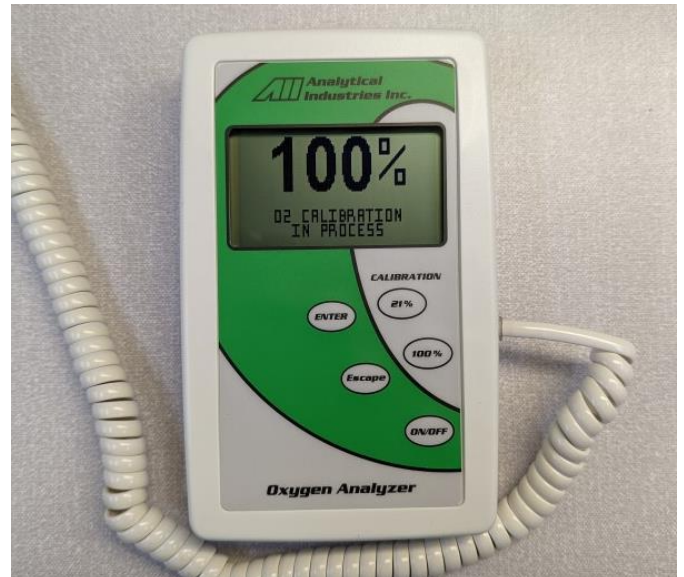
16) Allow the Oxygen to flow at a rate of 2 litres per minute.



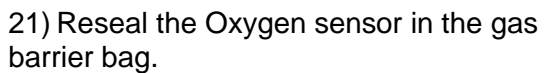
17) Press the enter button the begin the Oxygen calibration.



18) Allow the monitor to run through the calibration process.



20) Record the QA data in the intrastats system.



22) Repack the monitor and periphery items in the original packaging.

